

SIMATIC S7-400, power supply PS 405: 4 A, 24/48/60 V DC, 5 V DC/4 A,



Supply voltage

Rated value (DC)

- | | |
|---------|-----|
| • 24VDC | Yes |
| • 48VDC | Yes |
| • 60VDC | Yes |

Mains buffering

- | | |
|---|-------|
| • Mains/voltage failure stored energy time | 20 ms |
| • Mains buffering according to NAMUR recommendation | Yes |

Input current

Rated value at 24 V DC	2 A
Rated value at 48 V DC	1 000 mA
Rated value at 60 V DC	800 mA
Inrush current, max.	18 A; Full width at half maximum 20 ms

Output voltage

Type of output voltage	DC
Rated value (DC)	
• 5VDC	Yes



●24VDC

Yes

Output current

for backplane bus (5 V DC), max.	4 A; no base load required
for backplane bus (24 V DC), max. Short-circuit protection	0.5 A; idling-proof Yes

Power

Active power input, typ.	48 W
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Power loss

Power loss, typ.	16 W
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Battery

Backup battery

- Backup battery (optional) Yes; 1x lithium AA; 3.6 V / 2.3 Ah

Hardware configuration

Slots

- required slots 1

Potential separation

primary/secondary	Yes
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Isolation

Overvoltage category	II
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Degree and class of protection

Equipment protection class	I, with protective conductor
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Standards, approvals, certificates

FM approval	Yes; Ta: 0 °C to 60 °C T4
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Ambient conditions

Ambient temperature during operation

- min. 0 °C
- max. 60 °C

Connection method

Design of electrical connection	3x 1.5 mm ² , solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm
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Dimensions

Width	25 mm
Height	290 mm
Depth	217 mm

Weights

Weight, approx.	760 g
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last modified: 10/09/2020 

